

IN THE CLAIMS:

1. (Currently Amended) Access—An access system
comprising:

an between an item of server automatic control equipment
(20), which integrates comprising:

transmission/reception means—(25) to—transmit for
transmitting and receive receiving messages—(11, 12, 13, 21, 22,
23) on a wireless proximity network—(30) using a radio waves
technology,

a link mechanism, and

server communication means for linking with a receiving
means; and

at least one mobile device—(10) comprising communication
means for linking with said server communication means, or at
least one item of client automatic control equipment—(20)
comprising client communication means for linking with said
server communication means, characterised in that the server
automatic control equipment (20) comprises wherein

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no support
for how
this
receiving
means
interacts
with
system.
Not
clear if
appears to
be defined
in spec.

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said server communication means ~~(27)~~ capable of is also for implementing a said link mechanism in compliance with the Bluetooth protocol with said communication means ~~(16)~~ of a said mobile device ~~(10)~~ or with said client communication means; ~~(26')~~ of an item of client automatic control equipment ~~(20')~~, in order to supply control, display and monitoring functions from the server automatic control equipment ~~(20)~~,

BI S the link mechanism comprising a detection phase means for detecting presence of at least one server automatic control equipment,

10 a description phase means for querying identification of said detected server automatic control equipment, and

a service phase means for communicating with said identified server automatic control equipment.

2. (Currently Amended) ~~Access~~ The access system according to claim 1, ~~characterised in that the~~ further comprising an internal memory containing information relating to the server automatic control equipment, wherein the client communication means ~~(26')~~ or the server communication means ~~(27, 27')~~ of an

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~~item of automatic control equipment (20) have has access to an~~
~~the internal memory (28) containing information relating to the~~
~~automatic control equipment (20).~~

3. (Currently Amended) ~~Aeeess~~ The access system according
to claim 2, ~~eharakterised in that the same item of wherein said~~
~~client automatic control equipment (20') may comprise~~ comprises
server communication means ~~(27')~~ and client communication means
~~(26')~~, ~~to be able to perform~~ for performing a server function
and a client function.

4. (Currently Amended) ~~Aeeess~~ The access system according
to claim 2, ~~eharakterised in that wherein the server~~
communication means ~~(27)~~ of an ~~item of a~~ server automatic
control equipment ~~(20) are~~ is for waiting for a detection query
~~(11)~~ sent by at least one mobile device ~~(10)~~ or at least one
~~item of client automatic control equipment (20')~~ on the
proximity network ~~(30)~~.

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5. (Currently Amended) ~~Aceess~~ The access system according to claim 4, ~~characterised wherein in that,~~ following the ~~reception of a detection query (11) from a mobile device (10) or an item of client automatic control equipment (20'),~~ the server communication means ~~(27)~~ generate is for generating a detection response ~~(21)~~ used to signal their presence of the server communication means to the mobile device ~~(10)~~ or the client automatic control equipment, ~~(20')~~ following reception of a detection query sent from the mobile device or from the client automatic control equipment.

6. (Currently Amended) ~~The access~~ Access system according to claim 2, ~~characterised in that~~ wherein the client communication means ~~(26')~~ of an item of a client automatic control equipment ~~(20')~~ transmit is for transmitting detection queries ~~(11) on~~ across the proximity network ~~(30),~~ in order to detect the presence of at least one item of server automatic control equipment ~~(20)~~ in the field of action ~~(31)~~ of within the proximity network ~~(30).~~

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7. (Currently Amended) The access~~Access~~ system according to claim 6, ~~characterised wherein in that the detection queries (11) are transmitted by the client communication means (26') is~~ for transmitting detection queries at regular intervals or at the initiative of an application program (29') running in the client automatic control equipment (20').

8. (Currently Amended) The access~~Access~~ system according to claim 5, ~~characterised wherein in that the server communication means (27) respond~~ is for responding to a description query (12) transmitted by a the mobile device (10) or by an item of the client automatic control equipment (20') by returning a description response (22) which can include~~includes~~ an identification and authentication of the server automatic control equipment (20) and a list of the services offered by the server automatic control equipment (20).

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9. (Currently Amended) The access~~Aceess~~ system according to claim 8, ~~characterised in that, wherein~~ when the link mechanism is set up, the server automatic control equipment (20) can exchange is for exchanging messages (13, 23) with a ~~the~~ mobile device (10) via the proximity network (30), when the link mechanism establishes a link, such so that a user of the mobile device (10) can perform control, display and monitoring functions of the server automatic control equipment (20).

10. (Currently Amended) The access~~Aceess~~ system according to claim 8, ~~characterised wherein~~ in that, when the link mechanism is set up, the server automatic control equipment (20) can exchange is for exchanging messages (13, 23) with an item of the client automatic control equipment (20') via the proximity network (30), when the link mechanism establishes a link, such so that an application program (29') running in the client automatic control equipment (20') can perform control, display and monitoring functions of the server automatic control equipment (20).

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11. (Currently Amended) ~~Automatic control equipment~~
~~characterised in that it communicates on~~ The access system of
claim 1 in combination with an automatic control equipment,
comprising automatic control equipment comprising means for
communicating over a proximity network (30) by means of an said
access system according to claim 1.